

Reverse Vending Machine

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Purpose of the Project

- To improve waste segregation – specifically for waste plastic bottles and cans
- To reduce waste to landfill
- To reward individuals for using the machines
- Provides an added income for the facility owner



Key Activity

- *“Working with the NHS Trusts installed 2# ReVend™ reverse vending machines in hospitals in London*
- *The machines are automated and use technology to identify, sort, collect and process used beverage containers and give back rewards such as restaurant vouchers.*
- *The machines identify the container and sort recyclables into plastic bottles or cans, compacting items by up to 95% of their original volumes.*
- *When full the machine sends email alerts allowing for the resources to be collected and segregated into the dry mixed recyclables waste stream.*
- *A third machine is due to be installed soon and this 5th generation machine will allow reprogramming and compatibility with a potential UK wide plastic bottle deposit scheme.*
- *Since installation in 2016, one machine has collected over 8,000 items*

“The machines are a great motivator and educational tool to individuals, as rewards can be set up, encouraging the user to recycle”

